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PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** SHOWA CORPORATION

**Serial Number:** 10/720502

**Filed:** 11/24/2003

**For:** ELECTRIC MOTOR

**Attorney Docket Number:** 13642

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Hon. Commissioner of  
Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 18, 2005

Sir:

Applicant submits herewith information of which he is aware, and which he believes may be material to the patentability of any claim and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

The prior art references are set forth below and on the Form PTO-1449.

**JP 2002233097**

**US 3763458**

**EP 1193841**

**JP 2003079109**

**US 4124264**

**EP 0638982**

**US 5556304**



The Applicant respectfully requests that the Examiner give full consideration to the information disclosed herein, make it of record in this Application, and complete and return the enclosed Form PTO-1449.

In compliance with 37 CFR § 1.97, this information is submitted before the mailing of the first Official Action. No fee is due.

#### **AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT**

Authorization is hereby given to charge any necessary fees in connection with this Information Disclosure Statement to Deposit Account No. 04-2219, referencing our Docket Number 13642.

Respectfully submitted,

Keith H. Orum  
Attorney for Applicant  
Attorney Registration Number 33985

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#### **1<sup>ST</sup> CLASS CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Alexandria, VA 22313-1450, on February 18, 2005.

Katherine Bruce

<div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <b>OFFICE OF PATENTS AND PUBLICATIONS</b>  <b>APPLICANT'S INFORMATION</b>  <b>DISCLOSURE STATEMENT</b>  <small>(Form PTO-1449 Modified)</small> </div> <div style="text-align: right;"> <b>Attorney Docket:</b> 13642      <b>Serial Number:</b> 10/720502  <b>Applicant:</b> SHOWA CORPORATION  <b>Filing Date:</b> 24/11/2003      <b>Group:</b> </div> </div>																			
<b>US PATENT DOCUMENTS</b>																			
Examiner's Initial *		Document Number							Date day, month, yr.	Name	Class	Sub Class	Filing Date If Appropriate						
		3	7	6	3	4	5	8											
		3	7	6	3	4	5	8	02/10/1973	MC CARDELL W									
	AA	4	1	2	4	2	6	4	07/11/1978	KATO SHINICHI									
	AB	5	5	5	6	3	0	4	17/09/1996	JINNO KEISHI									
	AC																		
	AD																		
	AE																		
	AF																		
	AG																		
	AH																		
	AI																		
	AJ																		
	AK																		
<b>FOREIGN PATENT DOCUMENTS</b>																			
		Document Number							Date day, month, yr.	Country	Class	Sub Class	Translation						
		1	1	9	3	8	4	1					Yes	No					
	AL	1	1	9	3	8	4	1	03/04/2002	EPO									
	AM	0	6	3	8	9	8	2	15/02/1995	EPO									
	AN																		
	AO																		
	AP																		
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>																			
		JP 2002 233097, SHOWA CORPORATION, 12/12/2002																	
		JP 2003 079109, ASMO CO LTD, 14/03/20003																	
		AS																	
		AT																	
<b>EXAMINER:</b>										<b>DATE CONSIDERED:</b>									
<p>* <b>EXAMINER:</b> Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.</p>																			